

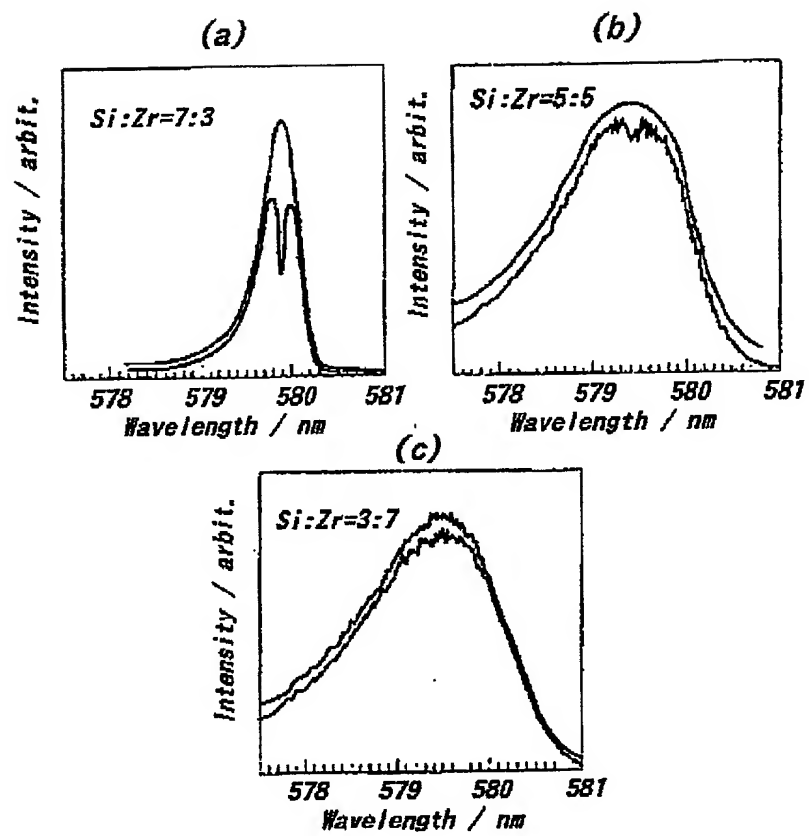
FIG. 1

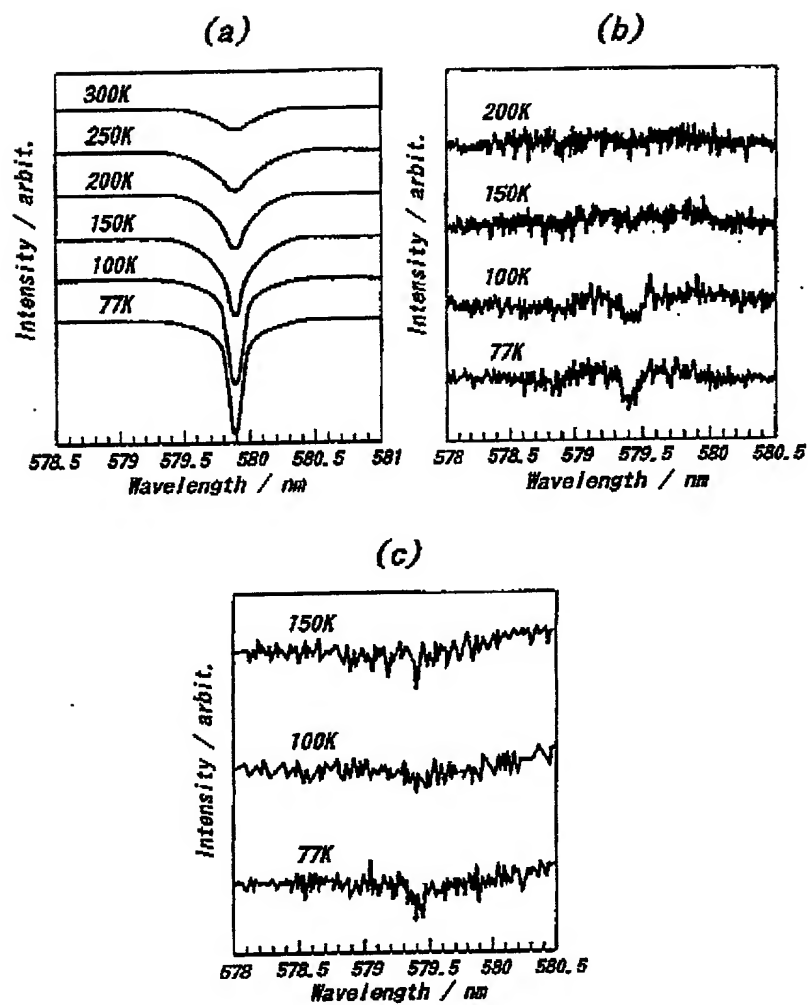
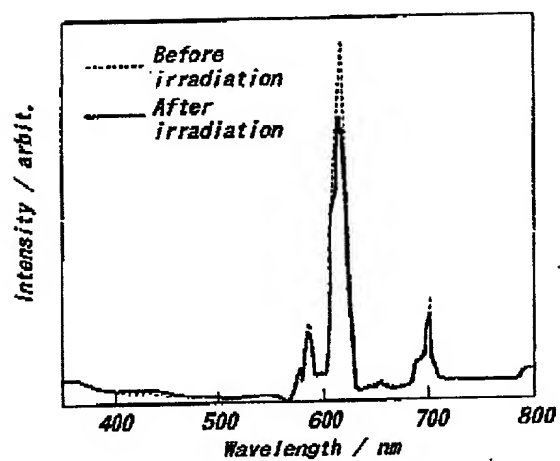
FIG. 2

FIG. 3

(a)



(b)

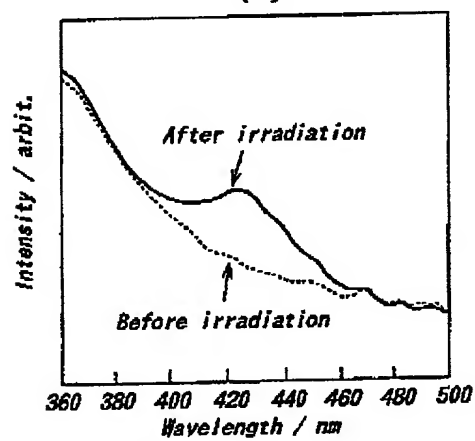


FIG. 4

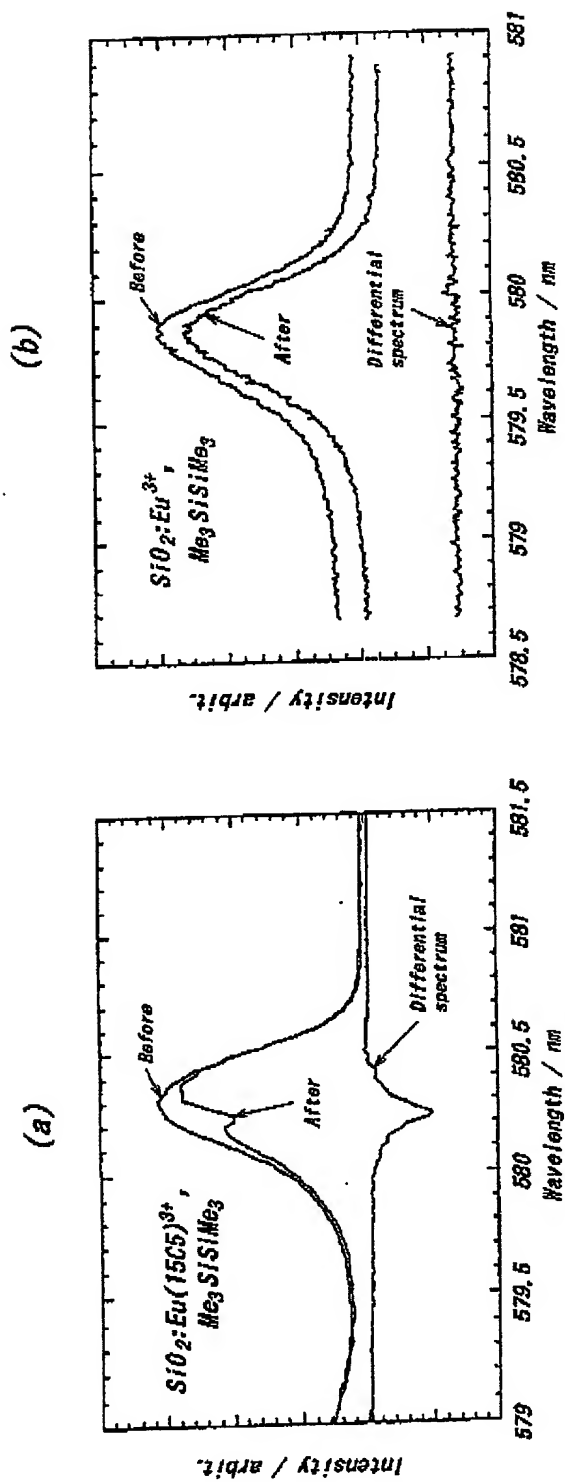


FIG. 5

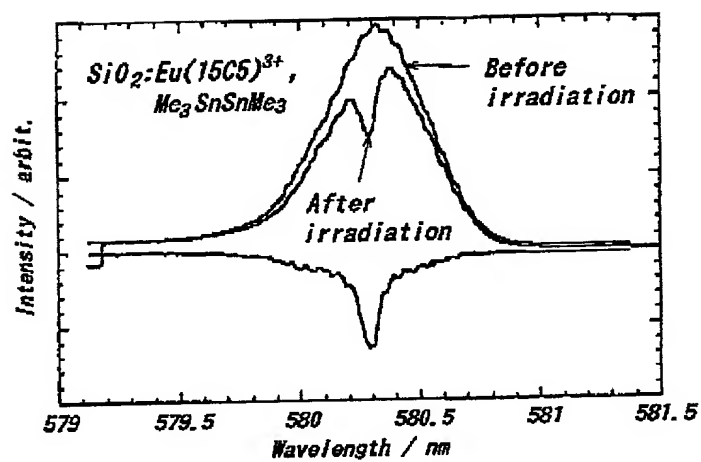


FIG. 6

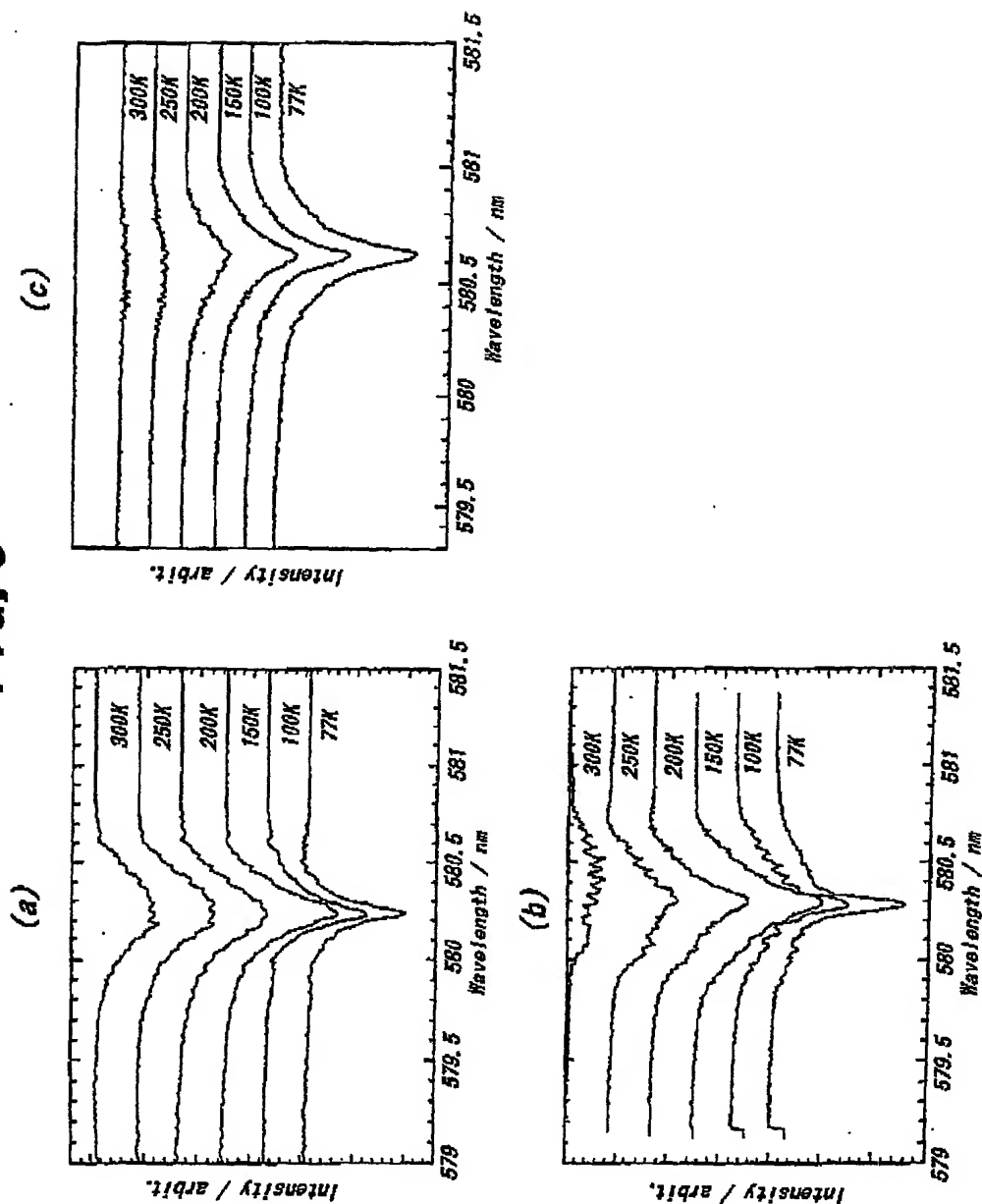


FIG. 7

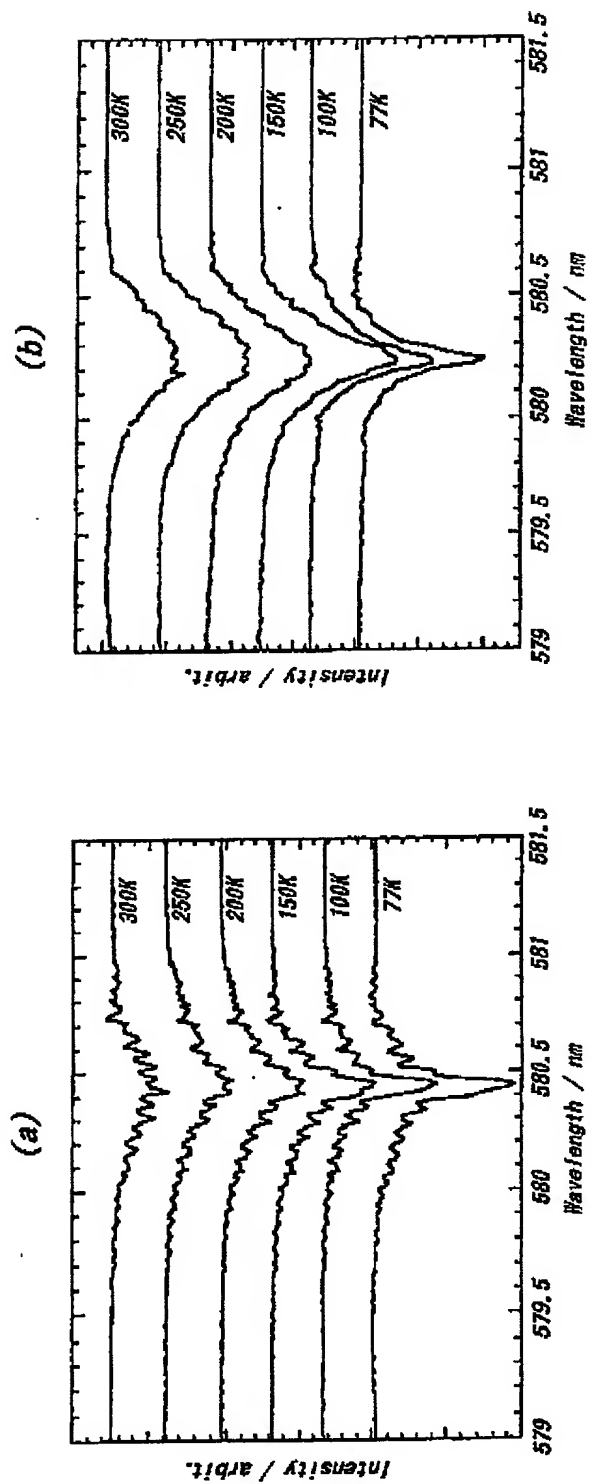


FIG. 8

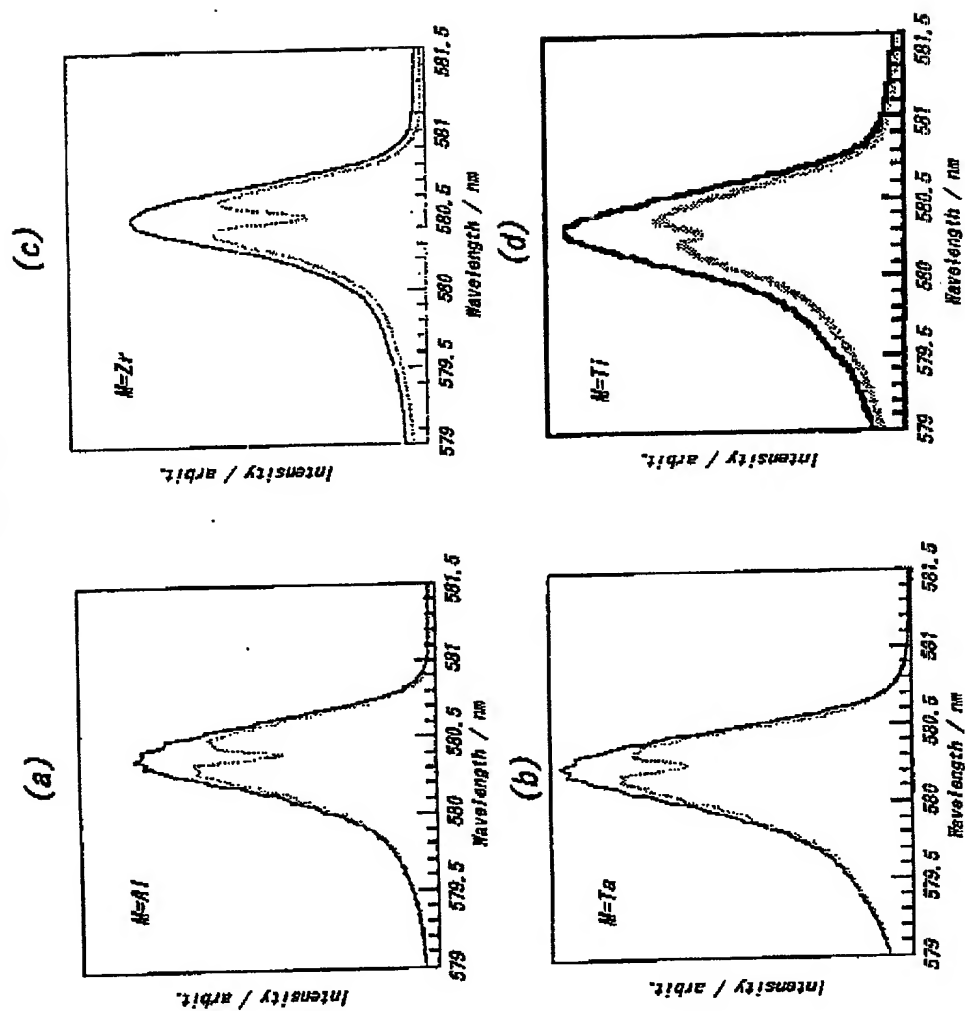


FIG. 9

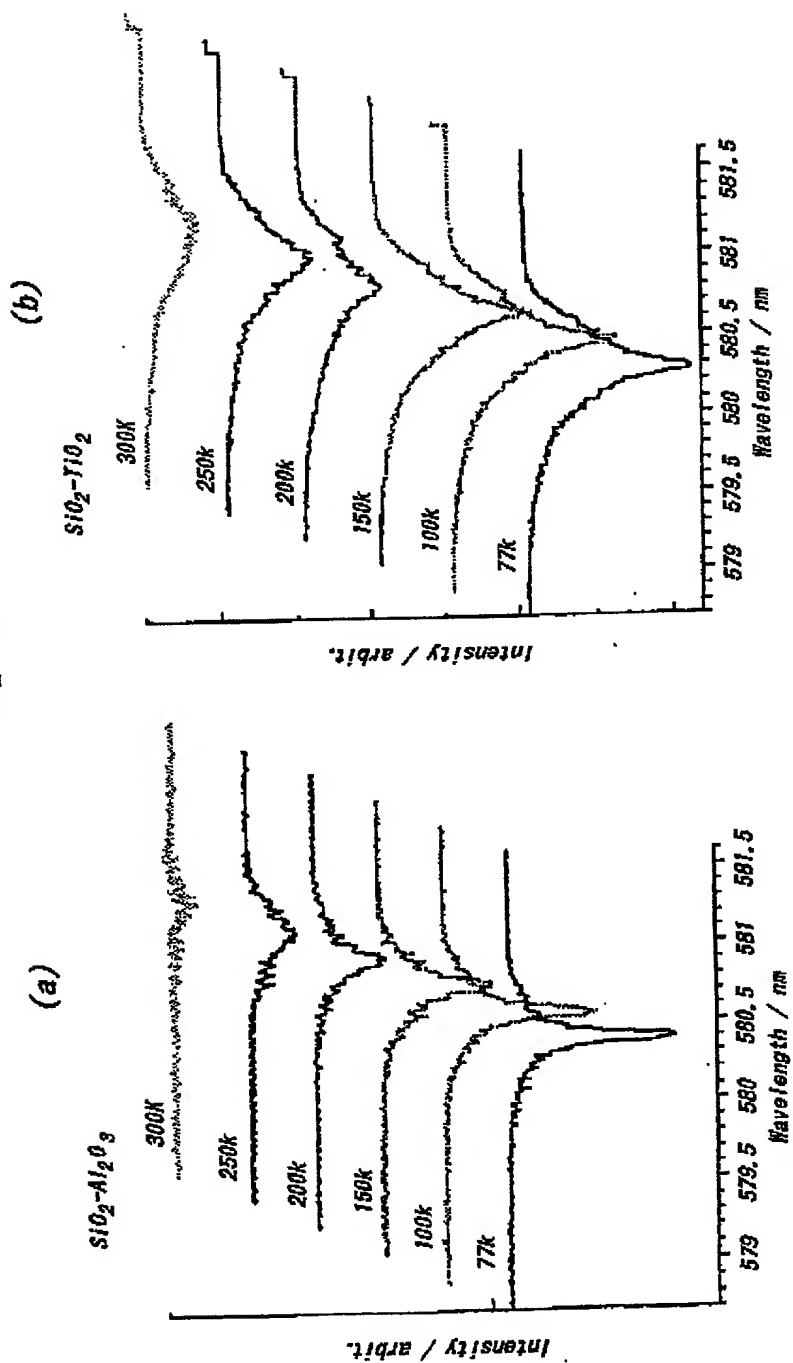


FIG. 10

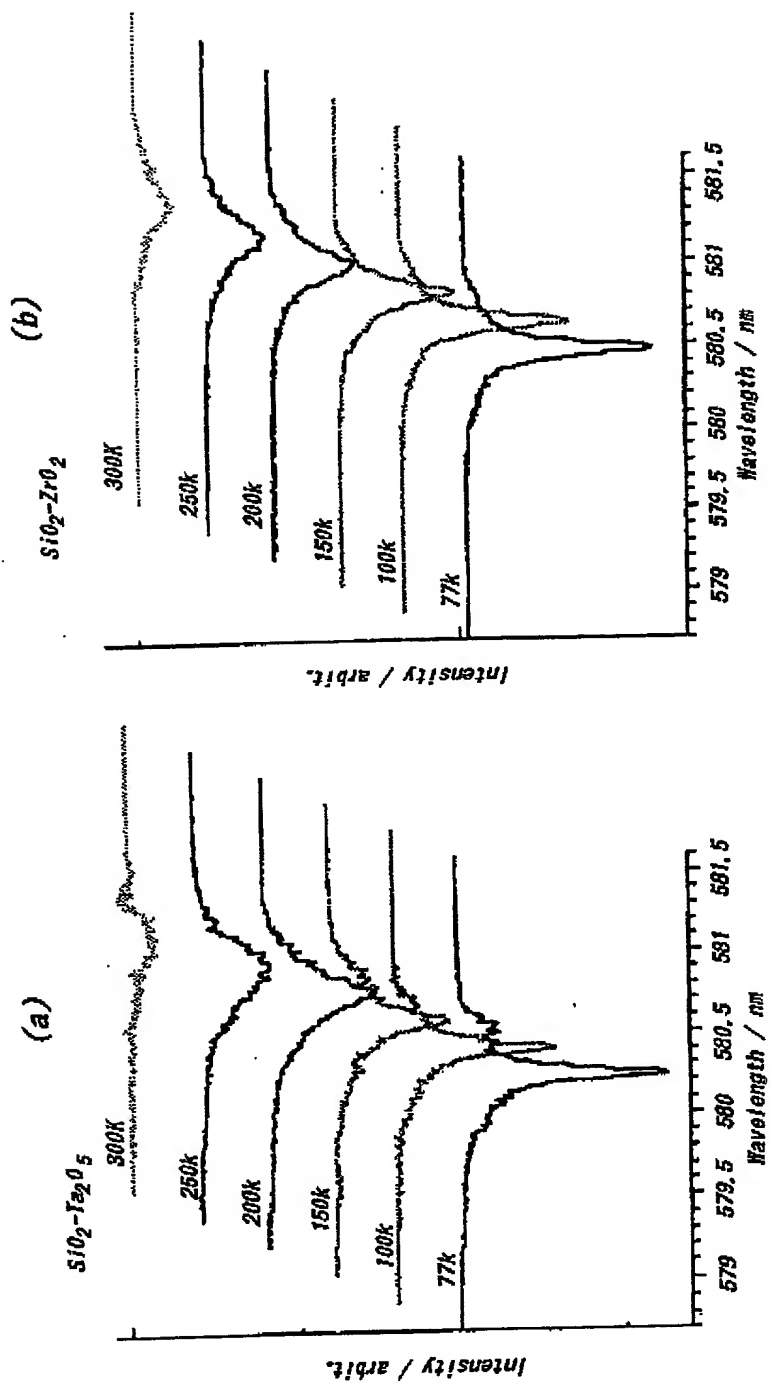
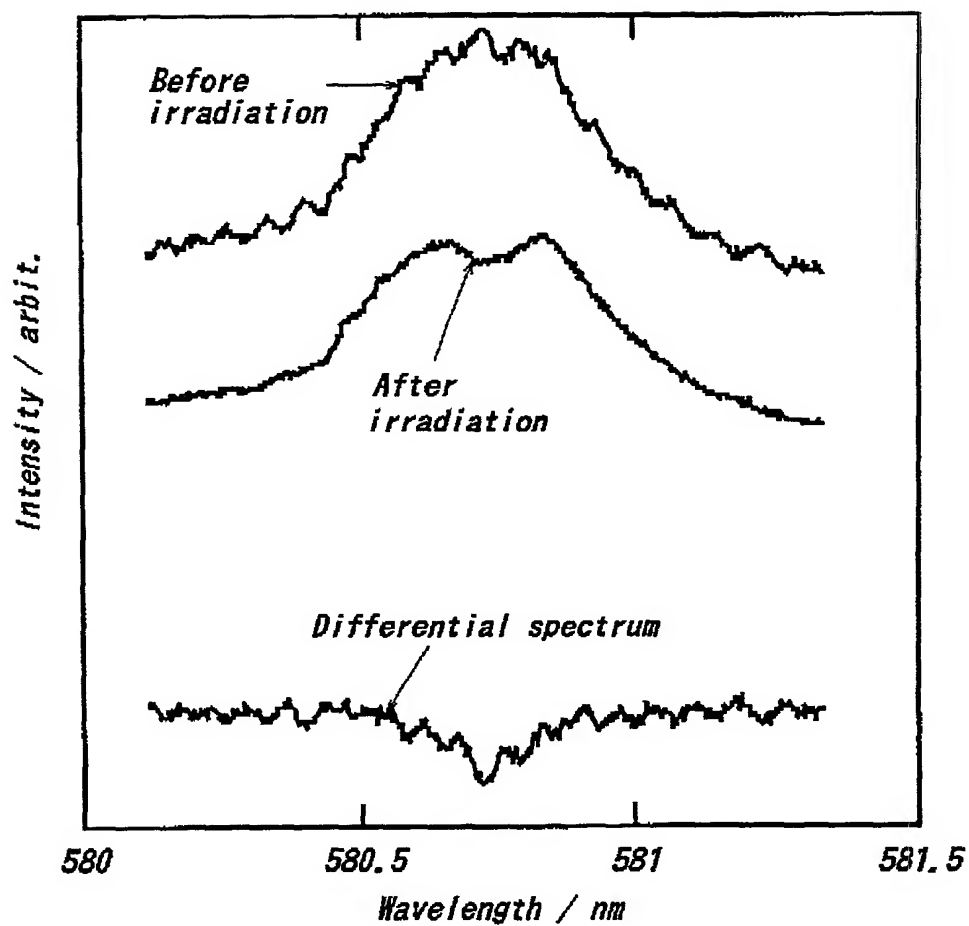


FIG. 11

*Excited spectra of $\text{Si}_2\text{O}:\text{Eu}(\text{15C5})^{3+}$, indene
before and after irradiation with laser
at 77K and differential spectrum
therebetween*